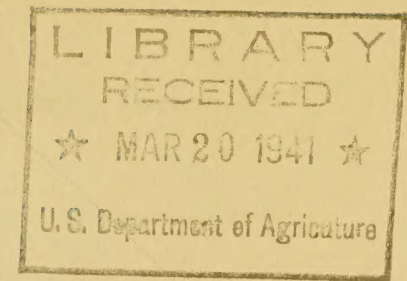


1.913  
C3N812  
1941

to all



Statistical Report  
on  
INTER-STATE MOVEMENT OF DAIRY CATTLE  
10 Northeastern States

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Explanatory Remarks

The data contained in this report are based on the records required under the various State laws pertaining to the shipments of cattle in and out of State. An attempt has been made to report only those statistics that pertain to shipments of cattle for dairy and breeding purposes, thereby eliminating beef cattle, feeder cattle, and cattle assigned directly for slaughter. Undoubtedly, in some instances this elimination has not been complete. However, the inclusion of animals for other than dairy purposes was not considered important in any case by those contributing these data.

Some of the reports are based on a calendar year and some on the year ending June 30. The export and import situation often changes considerably from year to year both as to totals and sources of origin and destination. Also it is recognized that a few cattle may move across State lines by truck without being properly recorded. For these reasons it is requested that these data not be reproduced without checking with the original source for proper designation and qualification.

This report was requested by the Dairy Herd Replacements Committee of the Northeastern Dairy Conference and it is made for the use of this group as basic information essential to their deliberations.

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Assembled by  
L. M. Vaughan, Extension Service, United States Department of Agriculture  
in cooperation with  
State Extension Economists and Dairy Specialists.

March 1941





I. Imports and Exports of Cattle for Dairy and Breeding Purposes  
10 Northeastern States - 1939-1940 \*

State	Total Number		Net	
	Imported	Exported	Imports	Exports
Maine	1,238	9,563		8,325
Vermont	7,378	10,489		3,111
New York	5,846	8,232		2,386
Maryland	2,297	3,152		855
New Hampshire	5,298	5,062	236	
Rhode Island	5,014	720	4,294	
Connecticut	9,722	2,514	7,208	
Pennsylvania	11,082	3,674	7,408	
Massachusetts	21,635	3,618	18,017	
New Jersey	25,484	623	24,861	

\* Calendar year 1939 - Massachusetts, Rhode Island.  
Year ending June 30, 1940 - Vermont (imports), Connecticut, New Jersey.  
Calendar year 1940 - Maine, New Hampshire, Vermont (exports), New York, Pennsylvania, Maryland.  
Source of data - Divisions of animal industry, State departments of agriculture.

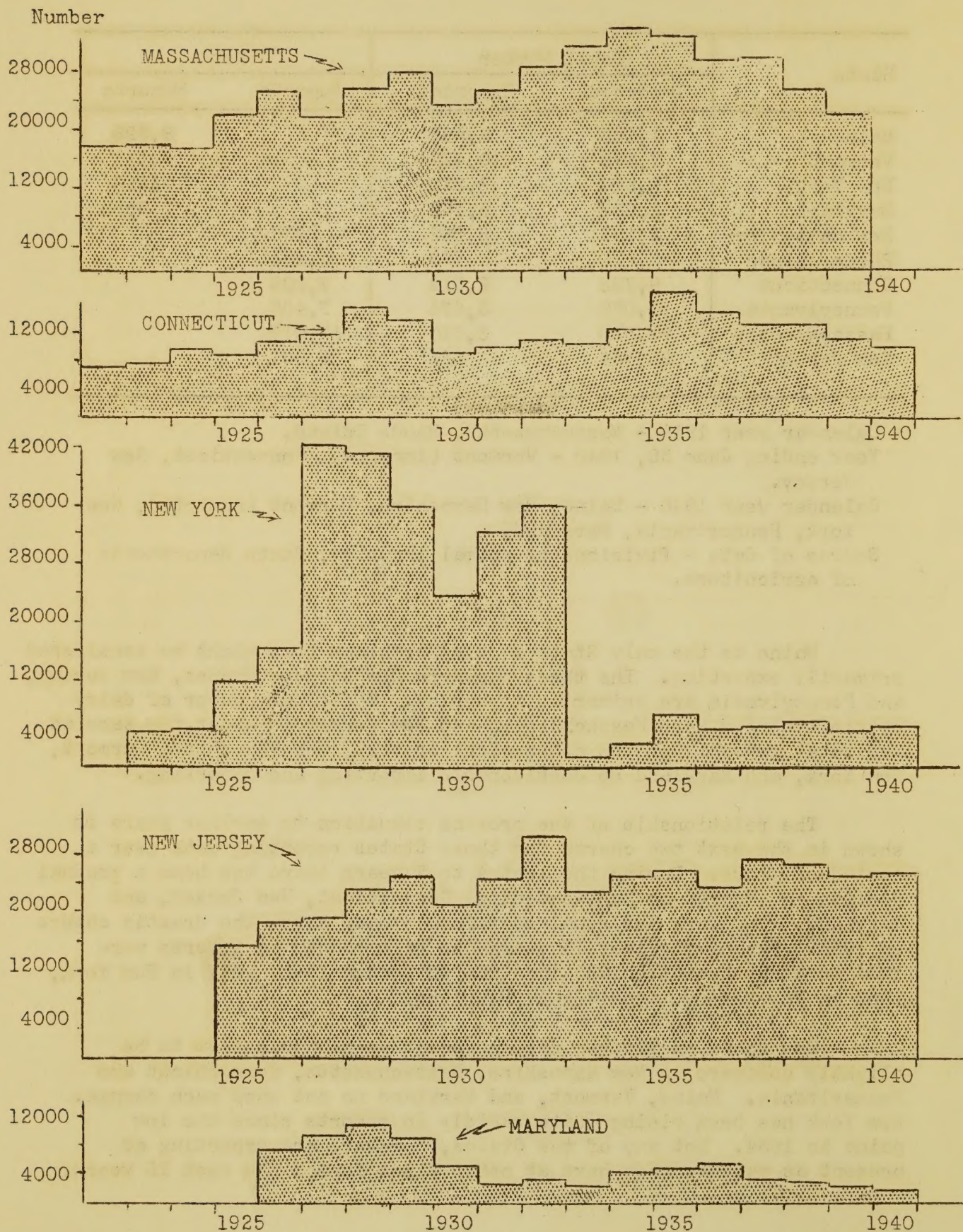
Maine is the only State in the Northeast that might be considered primarily exporting. The three southern New England States, New Jersey, and Pennsylvania are primarily importing. The total number of dairy cattle imported into Massachusetts and New Jersey is about the same as the total imports for the other eight States. New Hampshire, Vermont, New York, and Maryland do considerable importing and exporting.

The relationship of the present situation to earlier years is shown in the next two charts for those States reporting data over a period of years. During the last 4 to 7 years there has been a gradual decline in imports in Massachusetts, Connecticut, New Jersey, and Maryland. New York has remained fairly steady since the drastic change in 1933. During the last 15 years the high points in imports were 1934 in Massachusetts, 1928 and 1935 in Connecticut, 1927 in New York, 1932 in New Jersey, and 1928 in Maryland.

The trend in exports during recent years would seem to be slightly downward in New Hampshire, Massachusetts, Connecticut and Pennsylvania. Maine, Vermont, and Maryland do not show much change. New York has been rising quite rapidly in exports since the low point in 1934. Not any of the States, however, are exporting at present as many as they have at other times during the past 15 years.



## II. Trends in Imports of Cattle for Dairy and Breeding Purposes - 4 States 1922 to Date



Source - Divisions of animal industry, State departments of agriculture.



### III. Trends in Exports of Cattle for Dairy and Breeding Purposes - 7 States - 1922 to date





IV. Imports of Cattle for Dairy and Breeding Purposes  
10 Northeastern States - 1922 to date \*

Year	Maine	New Hampshire	Vermont	Massachusetts	Connecticut	Rhode Island	New York	Pennsylvania	New Jersey	Maryland
1922				17,267	6,979		5,333			
1923				17,442	7,457		5,587			
1924				17,130	9,554					
1925				21,818	8,696		12,003		15,839	
1926				24,386	10,209		16,636		18,690	7,980
1927				21,256	11,466		42,318		19,890	9,612
1928				24,714	14,966		41,483		23,325	11,299
1929				26,496	13,200		35,934		24,711	9,264
1930				22,601	8,605		23,778		21,068	5,476
1931				24,363	9,610		32,379		24,517	2,812
1932				27,943	10,559		35,919		30,318	3,791
1933				30,611	9,902		1,792		22,719	3,192
1934			5,709	33,285	11,924		3,660		24,587	4,482
1935	272		4,747	31,807	17,429		7,518		25,809	4,950
1936	1,421	6,289	6,816	28,741	14,300		5,476	24,756	23,887	5,941
1937	683	5,690	5,787	29,136	12,568		5,830	12,167	27,097	3,831
1938	1,431	5,394	7,369	24,513	12,526	5,581	6,133	8,101	26,504	3,448
1939	1,301	4,942	6,810	21,635	10,490	5,014	4,715	8,951	25,304	2,495
1940	1,238	5,298	7,378		9,722		5,846	11,082	25,484	2,297

\* Calendar year - Maine, New Hampshire, Massachusetts, Rhode Island, New York, Pennsylvania, Maryland.  
Year ending June 30 - Vermont, Connecticut, New Jersey.

Source of data - Divisions of animal industry, State departments of agriculture.



V. Exports of Cattle for Dairy and Breeding Purposes  
10 Northeastern States 1922 to date \*

Year	Maine	New Hampshire	Vermont	Massachusetts	Connecticut	Rhode Island	New York	Pennsylvania	New Jersey	Maryland
1922					422		11,464			
1923					349		15,042			
1924					630					
1925					475		12,357			1,315
1926					1,074		7,545			1,399
1927					1,257		7,285		92	2,529
1928					1,096		7,978		42	2,800
1929					1,124		7,476		82	
1930					1,475		8,836		149	3,542
1931					1,696		7,742		67	2,944
1932					2,212		5,231		---	3,071
1933					2,215		3,973		431	2,833
1934					3,002		2,545		344	3,889
1935	10,849		11,246		2,892		3,504		382	4,268
1936	9,823	7,172	9,698	6,375	3,503		4,000	7,116	511	3,424
1937	7,771	8,048	12,940	6,470	3,660	1,140	5,675	4,922	467	2,937
1938	6,349	4,693	11,211	4,912	3,705	1,003	5,954	3,519	361	2,389
1939	7,939	4,315	9,835	3,618	2,246	720	7,013	3,001	513	2,619
1940	9,563	5,062	10,489		2,514		8,232	3,674	623	3,152

\* Calendar year - Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, New York, Pennsylvania, Maryland.  
Year ending June 30 - Connecticut, New Jersey.

Source of data - Divisions of animal industry, State departments of agriculture.



VI. Sources of "Out-of-State" Cattle Imported for Dairy and Breeding Purposes  
10 Northeastern States - 1939-1940\*

Destinations	Number of cattle by points of origin					Total imports	Percent by destination
	10 North-eastern States	Delaware, Virginia, and West Virginia	Wisconsin, Michigan, and Ohio	Canada	All other sources		
Northern New England	5,812	10	217	7,406	469	13,914	14.6
Southern New England	28,149	97	2,838	4,592	695	36,371	38.3
New York	956	78	1,261	3,152	399	5,846	6.2
Pennsylvania	1,466	4,609	3,416	1,151	440	11,082	11.7
New Jersey	6,048	193	17,517	1,073	653	25,484	26.8
Maryland	499	661	697	84	356	2,297	2.4
Total imports	42,930	5,648	25,946	17,458	3,012	94,994	- - -
Percent by sources	45.2	5.9	27.3	18.4	3.2		100.0

\* A 12-month period, part or all of which comes in 1939 and 1940.

Source of data - Divisions of animal industry, State departments of agriculture

According to the above data it may be said that about one-half of the dairy cattle in the Northeast which are purchased out-of-State come from other Northeastern States, including Delaware, Virginia, and West Virginia. The balance except for about 3 percent from various parts of the United States, are imported from Wisconsin, Michigan, Ohio, and Canada.

Nearly 100,000 head of dairy cattle were imported into the 10 Northeastern States in 1939-40. About two-thirds of these imports went to southern New England and New Jersey. The greater than average reliance on outside sources for dairy-cow replacements in these metropolitan areas is shown by the fact that these 4 States had only 13 percent of the slightly over 3-1/2 million milk cows on farms January 1, 1941, in the 10 Northeastern States.

The 100,000 head imported from out-of-State accounts for only a part of the total replacements that are purchased. In a number of States the movement between farms within the State greatly exceeds the interstate movement.



VII. Number of Cattle for Dairy and Breeding Purposes Shipped in and out  
by State of Origin or Destination - Northeastern States

MAINE (Calendar year 1940).

Imported from:	Exported to:
680 Vermont	7,921 Massachusetts
196 New Hampshire	1,022 Connecticut
104 Massachusetts	369 New Hampshire
258 9 other sources	251 7 other destinations
<u>1,238</u>	<u>9,563</u>

NEW HAMPSHIRE (Calendar year 1940)

Imported from:	Exported to:
1,961 Canada	
1,465 Vermont	
900 Massachusetts	
464 Maine	
176 New York	
101 Connecticut	
231 8 other sources	
<u>5,298</u>	<u>5,062</u>

VERMONT (Imports - year ending June 30, 1940; exports - calendar year 1940)

Imported from:	Exported to:
5,401 Canada	5,273 Massachusetts
763 New Hampshire	3,111 Connecticut
326 New York	953 New Hampshire
274 Massachusetts	730 Rhode Island
614 Other sources	227 New York
	195 Other destinations
<u>7,378</u>	<u>10,489</u>

MASSACHUSETTS (Calendar year 1939)

Imported from:	Exported to:
6,321 Vermont	1,363 Rhode Island
4,830 Maine	1,201 Connecticut
3,147 Canada	459 New Hampshire
2,530 New Hampshire	253 Vermont
1,228 New York	342 29 other destinations
847 Connecticut	
713 Wisconsin	
680 Ohio	
492 Michigan	
344 Rhode Island	
236 Minnesota	
103 Missouri	
164 7 other sources	
<u>21,635</u>	<u>3,618</u>



# CONNECTICUT (Year ending June 30, 1940)

## Imported from:

2,989	Vermont
1,412	Canada
1,365	New York
1,333	Massachusetts
820	Maine
685	Wisconsin
425	New Hampshire
122	Nebraska
103	Indiana
468	14 other sources
<u>9,722</u>	

## Exported to:

1,180	Rhode Island
961	Massachusetts
373	22 other destinations
<u>2,514</u>	

# RHODE ISLAND (Calendar year 1939)

## Imported from:

2,540	Massachusetts
1,210	Connecticut
706	Vermont
160	New Hampshire
398	Other sources
<u>5,014</u>	

## Exported to:

720

# NEW YORK (Calendar year 1940)

## Imported from:

3,152	Canada
1,001	Wisconsin
245	Vermont
242	Pennsylvania
237	Ohio
146	Connecticut
110	Idaho
713	23 other sources
<u>5,846</u>	

## Exported to:

3,800	New Jersey
1,469	Connecticut
1,008	Massachusetts
465	Pennsylvania
239	Vermont
206	Ohio
185	New Hampshire
178	Puerto Rico
682	39 other destinations
<u>8,232</u>	

# PENNSYLVANIA (Calendar year 1940)

## Imported from:

3,781	Virginia
2,082	Wisconsin
1,334	Ohio
1,151	Canada
711	West Virginia
643	Maryland
505	New York
225	New Jersey
117	Delaware
102	Tennessee
431	16 other sources
<u>11,082</u>	

## Exported to:

1,843	New Jersey
514	Maryland
297	New York
147	Delaware
127	Massachusetts
114	Ohio
109	Connecticut
108	Virginia
415	41 other destinations
<u>3,674</u>	



NEW JERSEY (Year ending June 30, 1940)

Imported from:

8,251	Wisconsin
5,120	Ohio
4,146	Michigan
3,184	New York
1,400	Pennsylvania
1,384	Maryland
1,073	Canada
165	Virginia
157	Minnesota
150	Missouri
454	17 other sources
<u>25,484</u>	

Exported to:

<u>623</u>
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MARYLAND (Calendar year 1940)

Imported from:

649	Wisconsin
413	Virginia
411	Pennsylvania
236	Delaware
588	21 other sources
<u>2,297</u>	

Exported to:

1,752	New Jersey
588	Pennsylvania
295	Delaware
136	Virginia
331	20 other destinations
<u>3,152</u>	

Source of data - Divisions of animal industry - State departments of agriculture



Summary of the

Financial Year

1901	1,000,000
1902	1,100,000
1903	1,200,000
1904	1,300,000
1905	1,400,000
1906	1,500,000
1907	1,600,000
1908	1,700,000
1909	1,800,000
1910	1,900,000
1911	2,000,000
1912	2,100,000
1913	2,200,000
1914	2,300,000
1915	2,400,000
1916	2,500,000
1917	2,600,000
1918	2,700,000
1919	2,800,000
1920	2,900,000
1921	3,000,000
1922	3,100,000
1923	3,200,000
1924	3,300,000
1925	3,400,000
1926	3,500,000
1927	3,600,000
1928	3,700,000
1929	3,800,000
1930	3,900,000
1931	4,000,000
1932	4,100,000
1933	4,200,000
1934	4,300,000
1935	4,400,000
1936	4,500,000
1937	4,600,000
1938	4,700,000
1939	4,800,000
1940	4,900,000
1941	5,000,000
1942	5,100,000
1943	5,200,000
1944	5,300,000
1945	5,400,000
1946	5,500,000
1947	5,600,000
1948	5,700,000
1949	5,800,000
1950	5,900,000
1951	6,000,000
1952	6,100,000
1953	6,200,000
1954	6,300,000
1955	6,400,000
1956	6,500,000
1957	6,600,000
1958	6,700,000
1959	6,800,000
1960	6,900,000
1961	7,000,000
1962	7,100,000
1963	7,200,000
1964	7,300,000
1965	7,400,000
1966	7,500,000
1967	7,600,000
1968	7,700,000
1969	7,800,000
1970	7,900,000
1971	8,000,000
1972	8,100,000
1973	8,200,000
1974	8,300,000
1975	8,400,000
1976	8,500,000
1977	8,600,000
1978	8,700,000
1979	8,800,000
1980	8,900,000
1981	9,000,000
1982	9,100,000
1983	9,200,000
1984	9,300,000
1985	9,400,000
1986	9,500,000
1987	9,600,000
1988	9,700,000
1989	9,800,000
1990	9,900,000
1991	10,000,000
1992	10,100,000
1993	10,200,000
1994	10,300,000
1995	10,400,000
1996	10,500,000
1997	10,600,000
1998	10,700,000
1999	10,800,000
2000	10,900,000
2001	11,000,000
2002	11,100,000
2003	11,200,000
2004	11,300,000
2005	11,400,000
2006	11,500,000
2007	11,600,000
2008	11,700,000
2009	11,800,000
2010	11,900,000
2011	12,000,000
2012	12,100,000
2013	12,200,000
2014	12,300,000
2015	12,400,000
2016	12,500,000
2017	12,600,000
2018	12,700,000
2019	12,800,000
2020	12,900,000
2021	13,000,000
2022	13,100,000
2023	13,200,000
2024	13,300,000
2025	13,400,000
2026	13,500,000
2027	13,600,000
2028	13,700,000
2029	13,800,000
2030	13,900,000
2031	14,000,000
2032	14,100,000
2033	14,200,000
2034	14,300,000
2035	14,400,000
2036	14,500,000
2037	14,600,000
2038	14,700,000
2039	14,800,000
2040	14,900,000
2041	15,000,000
2042	15,100,000
2043	15,200,000
2044	15,300,000
2045	15,400,000
2046	15,500,000
2047	15,600,000
2048	15,700,000
2049	15,800,000
2050	15,900,000
2051	16,000,000
2052	16,100,000
2053	16,200,000
2054	16,300,000
2055	16,400,000
2056	16,500,000
2057	16,600,000
2058	16,700,000
2059	16,800,000
2060	16,900,000
2061	17,000,000
2062	17,100,000
2063	17,200,000
2064	17,300,000
2065	17,400,000
2066	17,500,000
2067	17,600,000
2068	17,700,000
2069	17,800,000
2070	17,900,000
2071	18,000,000
2072	18,100,000
2073	18,200,000
2074	18,300,000
2075	18,400,000
2076	18,500,000
2077	18,600,000
2078	18,700,000
2079	18,800,000
2080	18,900,000
2081	19,000,000
2082	19,100,000
2083	19,200,000
2084	19,300,000
2085	19,400,000
2086	19,500,000
2087	19,600,000
2088	19,700,000
2089	19,800,000
2090	19,900,000
2091	20,000,000
2092	20,100,000
2093	20,200,000
2094	20,300,000
2095	20,400,000
2096	20,500,000
2097	20,600,000
2098	20,700,000
2099	20,800,000
2100	20,900,000
2101	21,000,000
2102	21,100,000
2103	21,200,000
2104	21,300,000
2105	21,400,000
2106	21,500,000
2107	21,600,000
2108	21,700,000
2109	21,800,000
2110	21,900,000
2111	22,000,000
2112	22,100,000
2113	22,200,000
2114	22,300,000
2115	22,400,000
2116	22,500,000
2117	22,600,000
2118	22,700,000
2119	22,800,000
2120	22,900,000
2121	23,000,000
2122	23,100,000
2123	23,200,000
2124	23,300,000
2125	23,400,000
2126	23,500,000
2127	23,600,000
2128	23,700,000
2129	23,800,000
2130	23,900,000
2131	24,000,000
2132	24,100,000
2133	24,200,000
2134	24,300,000
2135	24,400,000
2136	24,500,000
2137	24,600,000
2138	24,700,000
2139	24,800,000
2140	24,900,000
2141	25,000,000
2142	25,100,000
2143	25,200,000
2144	25,300,000
2145	25,400,000
2146	25,500,000
2147	25,600,000
2148	25,700,000
2149	25,800,000
2150	25,900,000
2151	26,000,000
2152	26,100,000
2153	26,200,000
2154	26,300,000
2155	26,400,000
2156	26,500,000
2157	26,600,000
2158	26,700,000
2159	26,800,000
2160	26,900,000
2161	27,000,000
2162	27,100,000
2163	27,200,000
2164	27,300,000
2165	27,400,000
2166	27,500,000
2167	27,600,000
2168	27,700,000
2169	27,800,000
2170	27,900,000
2171	28,000,000
2172	28,100,000
2173	28,200,000
2174	28,300,000
2175	28,400,000
2176	28,500,000
2177	28,600,000
2178	28,700,000
2179	28,800,000
2180	28,900,000
2181	29,000,000
2182	29,100,000
2183	29,200,000
2184	29,300,000
2185	29,400,000
2186	29,500,000
2187	29,600,000
2188	29,700,000
2189	29,800,000
2190	29,900,000
2191	30,000,000
2192	30,100,000
2193	30,200,000
2194	30,300,000
2195	30,400,000
2196	30,500,000
2197	30,600,000
2198	30,700,000
2199	30,800,000
2200	30,900,000
2201	31,000,000
2202	31,100,000
2203	31,200,000
2204	31,300,000
2205	31,400,000
2206	31,500,000
2207	31,600,000
2208	31,700,000
2209	31,800,000
2210	31,900,000
2211	32,000,000
2212	32,100,000
2213	32,200,000
2214	32,300,000
2215	32,400,000
2216	32,500,000
2217	32,600,000
2218	32,700,000
2219	32,800,000
2220	32,900,000
2221	33,000,000
2222	33,100,000
2223	33,200,000
2224	33,300,000
2225	33,400,000
2226	33,500,000
2227	33,600,000
2228	33,700,000
2229	33,800,000
2230	33,900,000
2231	34,000,000
2232	34,100,000
2233	34,200,000
2234	34,300,000
2235	34,400,000
2236	34,500,000
2237	34,600,000
2238	34,700,000
2239	34,800,000
2240	34,900,000
2241	35,000,000
2242	35,100,000
2243	35,200,000
2244	35,300,000
2245	35,400,000
2246	35,500,000
2247	35,600,000
2248	35,700,000
2249	35,800,000
2250	35,900,000
2251	36,000,000
2252	36,100,000
2253	36,200,000
2254	36,300,000
2255	36,400,000
2256	36,500,000
2257	36,600,000
2258	36,700,000
2259	36,800,000
2260	36,900,000
2261	37,000,000
2262	37,100,000
2263	37,200,000
2264	37,300,000
2265	37,400,000
2266	37,500,000
2267	37,600,000
2268	37,700,000
2269	37,800,000
2270	37,900,000
2271	38,000,000
2272	38,100,000
2273	38,200,000
2274	38,300,000
2275	38,400,000
2276	38,500,000
2277	38,600,000
2278	38,700,000
2279	38,800,000
2280	38,900,000
2281	39,000,000
2282	39,100,000
2283	39,200,000
2284	39,300,000
2285	39,400,000
2286	39,500,000
2287	39,600,000
2288	39,700,000
2289	39,800,000
2290	39,900,000
2291	40,000,000
2292	40,100,000
2293	40,200,000
2294	40,300,000
2295	40,400,000
2296	40,500,000
2297	40,600,000
2298	40,700,000
2299	40,800,000
2300	40,900,000
2301	41,000,000
2302	41,100,000
2303	41,200,000
2304	41,300,000
2305	41,400,000
2306	41,500,000
2307	41,600,000
2308	41,700,000
2309	41,800,000
2310	41,900,000
2311	42,000,000
2312	42,100,000
2313	42,200,000
2314	42,300,000
2315	42,400,000
2316	42,500,000
2317	42,600,000
2318	42,700,000
2319	42,800,000
2320	42,900,000
2321	43,000,000
2322	43,100,000
2323	43,200,000
2324	43,300,000
2325	43,400,000
2326	43,500,000
2327	43,600,000
2328	43,700,000
2329	43,800,000
2330	43,900,000
2331	44,000,000
2332	44,100,000
2333	44,200,000
2334	44,300,000
2335	44,400,000
2336	44,500,000
2337	44,600,000
2338	44,700,000
2339	44,800,000
2340	44,900,000
2341	4